

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("4019818").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/15 13:43
L2	82	(356/489).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/15 13:43
L3	95	(356/495).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/15 13:43
L4	412	(356/450).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/15 13:43
L5	136	(356/493).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/15 13:43
L6	145	(356/487).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/15 13:44
L7	281	(356/498).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/15 13:44
S1	716149	interfer or interfere or interfering or interference or interferometer or interferometric or interferometrically or interferogram	US-PGPUB; USPAT	OR	ON	2006/03/15 11:30
S2	1097287	phase	US-PGPUB; USPAT	OR	ON	2006/03/15 11:31
S3	658193	shift or shifting or shifter	US-PGPUB; USPAT	OR	ON	2006/03/15 11:31
S4	62025	quadrature	US-PGPUB; USPAT	OR	ON	2006/03/15 11:32
S5	10	"qpsi"	US-PGPUB; USPAT	OR	ON	2006/03/15 10:08
S6	669275	(maximum or maxima) and (minima or minimum)	US-PGPUB; USPAT	OR	ON	2006/03/15 11:24
S7	21509	(zero near crossing) or "zero-crossing"	US-PGPUB; USPAT	OR	ON	2006/03/15 11:32
S8	109673	S2 with S3	US-PGPUB; USPAT	OR	ON	2006/03/15 10:06
S9	43015	S1 and S8	US-PGPUB; USPAT	OR	ON	2006/03/15 10:07
S10	11778	S9 and S4	US-PGPUB; USPAT	OR	ON	2006/03/15 10:07
S11	5224	S10 and S6	US-PGPUB; USPAT	OR	ON	2006/03/15 10:07
S12	660	S11 and S7	US-PGPUB; USPAT	OR	ON	2006/03/15 10:07
S13	1	S12 and S5	US-PGPUB; USPAT	OR	ON	2006/03/15 10:07

## EAST Search History

S14	204873	("q" or "i") with signal	US-PGPUB; USPAT	OR	ON	2006/03/15 10:08
S15	419	S12 and S14	US-PGPUB; USPAT	OR	ON	2006/03/15 10:08
S16	11706	S4 with S8	US-PGPUB; USPAT	OR	ON	2006/03/15 10:13
S17	6355	S16 and S1	US-PGPUB; USPAT	OR	ON	2006/03/15 10:13
S18	182	S16 with S1	US-PGPUB; USPAT	OR	ON	2006/03/15 10:13
S19	74	S18 and S6	US-PGPUB; USPAT	OR	ON	2006/03/15 11:03
S20	6	S19 and S7	US-PGPUB; USPAT	OR	ON	2006/03/15 10:14
S21	10	("4480914").URPN.	USPAT	OR	ON	2006/03/15 10:15
S22	1	("5999261").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/15 11:06
S23	437268	intensity	US-PGPUB; USPAT	OR	ON	2006/03/15 11:33
S24	162357	envelope or enveloping or enveloper	US-PGPUB; USPAT	OR	ON	2006/03/15 11:33
S25	2598	S23 with S24	US-PGPUB; USPAT	OR	ON	2006/03/15 11:07
S26	137	S25 and S4	US-PGPUB; USPAT	OR	ON	2006/03/15 11:07
S27	669275	(max or maximum or maxima) and (min or minima or minimum)	US-PGPUB; USPAT	OR	ON	2006/03/15 11:31
S28	68	S26 and S27	US-PGPUB; USPAT	OR	ON	2006/03/15 11:09
S29	281	(356/498).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/15 11:10
S30	27	S29 and S4	US-PGPUB; USPAT	OR	ON	2006/03/15 11:11
S31	580	356/450-521.ccls. and S4	US-PGPUB; USPAT	OR	ON	2006/03/15 11:12
S32	269	356/484-516.ccls. and S4	US-PGPUB; USPAT	OR	ON	2006/03/15 11:28
S33	93	S32 and S6	US-PGPUB; USPAT	OR	ON	2006/03/15 11:15
S34	1	S33 and S25	US-PGPUB; USPAT	OR	ON	2006/03/15 11:14

## EAST Search History

S35	80372	interfer or interfere or interfering or interference or interferometer or interferometric or interferometrically or interferogram	EPO; JPO; IBM_TDB	OR	ON	2006/03/15 11:23
S36	304712	phase	EPO; JPO; IBM_TDB	OR	ON	2006/03/15 11:23
S37	176168	shift or shifting or shifter	EPO; JPO; IBM_TDB	OR	ON	2006/03/15 11:24
S38	3203	quadrature	EPO; JPO; IBM_TDB	OR	ON	2006/03/15 11:24
S39	29786	(maximum or maxima) and (minima or minimum)	EPO; JPO; IBM_TDB	OR	ON	2006/03/15 11:24
S40	1976	(zero near crossing) or "zero-crossing"	EPO; JPO; IBM_TDB	OR	ON	2006/03/15 11:24
S41	81836	intensity	EPO; JPO; IBM_TDB	OR	ON	2006/03/15 11:24
S42	23447	envelope or enveloping or enveloper	EPO; JPO; IBM_TDB	OR	ON	2006/03/15 11:25
S43	29786	(max or maximum or maxima) and (min or minima or minimum)	EPO; JPO; IBM_TDB	OR	ON	2006/03/15 11:25
S44	7551	S35 and S36	EPO; JPO; IBM_TDB	OR	ON	2006/03/15 11:25
S45	1506	S44 and S37	EPO; JPO; IBM_TDB	OR	ON	2006/03/15 11:25
S46	31	S45 and S38	EPO; JPO; IBM_TDB	OR	ON	2006/03/15 11:25
S47	0	S46 and S43	EPO; JPO; IBM_TDB	OR	ON	2006/03/15 11:25
S48	181	S38 and S35	EPO; JPO; IBM_TDB	OR	ON	2006/03/15 11:26
S49	3	S48 and S43	EPO; JPO; IBM_TDB	OR	ON	2006/03/15 11:26
S50	24039	S1 and S4	US-PGPUB; USPAT	OR	ON	2006/03/15 11:26
S51	10157	S50 and S27	US-PGPUB; USPAT	OR	ON	2006/03/15 11:27
S52	849	S51 and S7	US-PGPUB; USPAT	OR	ON	2006/03/15 11:27
S53	11	356/484-516.ccls. and S52	US-PGPUB; USPAT	OR	ON	2006/03/15 11:28
S54	19699	(interfer or interfere or interfering or interference or interferometer or interferometric or interferometrically or interferogram).clm.	US-PGPUB	OR	ON	2006/03/15 11:30

## EAST Search History

S55	59652	phase.clm.	US-PGPUB	OR	ON	2006/03/15 11:31
S56	27136	(shift or shifting or shifter).clm.	US-PGPUB	OR	ON	2006/03/15 11:31
S57	14678	((max or maximum or maxima) and (min or minima or minimum)).clm.	US-PGPUB	OR	ON	2006/03/15 11:31
S58	783	((zero near crossing) or "zero-crossing").clm.	US-PGPUB	OR	ON	2006/03/15 11:32
S59	3215	quadrature.clm.	US-PGPUB	OR	ON	2006/03/15 11:32
S60	267	S54 and S59	US-PGPUB	OR	ON	2006/03/15 11:32
S61	20270	intensity.clm.	US-PGPUB	OR	ON	2006/03/15 11:33
S62	6309	(envelope or enveloping or enveloper).clm.	US-PGPUB	OR	ON	2006/03/15 11:33
S63	4	S60 and S58	US-PGPUB	OR	ON	2006/03/15 11:34
S64	19	S60 and S57	US-PGPUB	OR	ON	2006/03/15 11:34



qpsi

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**[QPSI] A Maple package for the determination of quasi-polynomial symmetries and invariants**

TM Rocha Filho, A Figueiredo, L Brenig - Computer Physics Communications, 1999 - adsabs.harvard.edu

Title: [QPSI] A Maple package for the determination of quasi-polynomial symmetries and invariants Authors: Rocha Filho, Tarcísio M.; Figueiredo, Annibal ...

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**[CITATION] [QPSI] A Maple package for the determination of quasi-polynomial symmetries and invariants**

TM Filho, A Figueiredo, L Brenig

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**Quadrature phase shift interferometer (QPSI) decoding algorithms and error analysis - group of 4 »**

J Wang, JL Pressesky - ... Characterization Techniques for Optics, Semiconductors, and ..., 2003 - adsabs.harvard.edu

Title: Quadrature phase shift interferometer (QPSI) decoding algorithms and error analysis Authors: Wang, Jianmin; Pressesky, Jason L. Affiliation: AA(Seagate ...

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**[CITATION] Quadrature phase-shift interferometer (QPSI) decoding algorithms and error analysis [5188-09]**

J Wang, JL Pressesky - PROCEEDINGS-SPIE THE INTERNATIONAL SOCIETY FOR OPTICAL ..., 2003 - International Society for Optical Engineering; 1999

[Web Search](#) - [BL Direct](#)

**Assessment of Regional Wall Motion by Strain Doppler During Biventricular Pacing in Patients with ... - group of 2 »**

K MATSUSHITA, T ISHIKAWA, S SUMITA, T KOBAYASHI, Y ... - Pacing and Clinical Electrophysiology, 2004 - blackwell-synergy.com

... Wall motion was assessed by strain of the myocardium, and the interval between the Q wave of the surface ECG and the peak strain (QPSI) was measured in three ...

[Web Search](#) - [BL Direct](#)

**Fast All-Digital Carrier Synchronization**

N Caouras - collectionscanada.ca

Page 1. Fast All-Digital Carrier Synchronization Techniques for Linear Modulation

Formats Nestor Caouras Prtwntctl iri Partial Fulfillnicrit ...

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**THE BCH CODED DIGITAL RADIO COMMUNICATION SYSTEM UNDER MAN-MADE NOISE ENVIRONMENTS**

SUSMN MORINAGA - ieeexplore.ieee.org

... In this paper, in order to decrease the effect of man-made radio noise on the bit error rate performance of the  $\pi/4$ -shift QPSI modulation system, we employ ...

[Web Search](#)

**Block coded modulation for the reduction of the peak to average power ratio in OFDM systems - group of 6 »**

P Fan, XG Xia - IEEE TRANSACTIONS ON CONSUMER ELECTRONICS CE, 1999 - ieeexplore.ieee.org  
... gain. Two particular M-ary sequences are studied, which are **QPSI**( arid  
8-11SK. Optimal **QPSI**( sequences of length 4 are listed. This ...  
[Cited by 11](#) - [Web Search](#) - [BL Direct](#)

### Turbo 乘积码仿真研究 - group of 2 »

赵宏建 - 无线电通信技术, 2004 - 维普资讯

... 7 / 8速率不同的是, 它使用了小码块, 延时没有加长。与8PSK / TCN / RS  
的TPC相比, 0.95速率**QpSi**~的频谱效率更好一些(达到了1 ...  
[Web Search](#)

### Performance evaluation of RS-encoded TCM-8 PSK in the presence of interference

DV Haschart - 1991 - ieeexplore.ieee.org

... of this study is to examine a land mobile satellite system under QPSK interference  
(Ad and CCI) and to compare the results to those of a **QPSI**< scheme. ...  
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**Scholar**Results 1 - 10 of about **1,690** for **quadrature interference zero crossing**. (0.09 seconds)

... in 15 N-Enriched Human Ubiquitin Resulting from Relaxation **Interference** and Residual Dipolar ... - group of 2 »

N Tjandra, S Grzesiek, A Bax - Proc. Natl. Acad. Sci. USA, 1995 - spin.niddk.nih.gov

... a dynamic frequency shift caused by **interference** of the ...  $2(x), 2(-x), 2(x), -x$ . **Quadrature** detection in ... a single, odd-numbered **zero-crossing**, incomplete inversion ...

Cited by 127 - [View as HTML](#) - [Web Search](#) - [BL Direct](#)

Modern **Quadrature** Amplitude Modulation: Principles and applications for fixed and wireless channels - group of 3 »

WT Webb, L Hanzo - Simulation - www-mobile.ecs.soton.ac.uk

... 7.2, Linear Equalisers, 199. 7.2.1, **Zero-Forcing** Equalisers, 199. ... 10.3.1.4, TTIB

Schemes Using **Quadrature** Mirror Filters, 300. ... 13.5, Co-Channel **Interference**, 399. ...

Cited by 63 - [Cached](#) - [Web Search](#) - [Library Search](#)

... sensing with a fiber-optic polarimetric pressure transducer with two-wavelength passive **quadrature** ... - group of 5 »

N Fuerstenau, M Schmidt, WJ Bock, W Urbanczyk - APPLIED OPTICS, 1998 - ao.osa.org

... **interference** signals. ... where 12 is the measurand-dependent phase deviation from

**quadrature**. ... sign of m have to be determined, depending on the **zero crossing** of U ...

Cited by 10 - [Web Search](#) - [BL Direct](#)

A New Velocity Estimator for Cellular Systems Based on Higher Order Crossings - group of 2 »

A Abdi, M Kaveh - signal - ieeexplore.ieee.org

... of the in-phase or **quadrature** component. ... WC Jakes, Jr., "Multipath **interference**,"

in Microwave ... indication: Minima counting versus **zero-crossing** Wiley, 1974 ...

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Improved **Zero-If Zero-Crossing** Demodulator for Gaussian Minimum Shift Keying Signals in Land Mobile ... - group of 2 »

HM Kwon, EKB Lee, IH Hyun - IEEE VEHICULAR TECHNOLOGY CONFERENCE, 1996 - ieeexplore.ieee.org

... **zero-crossing** detectors (ZCD), **zero-crossing** counter, and ... The in-phase  $i(t)$  and

**quadrature**-phase  $q$  ... iF filter including the intersymbol **interference** (ISI) effects ...

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Fiber-optic extrinsic Fabry-Perot interferometer strain sensor with < 50 pm displacement resolution ... - group of 4 »

M Schmidt, B Werther, N Fürstenau, M Matthias, T ... - Optics Express, 2001 - oe.osa.org

... **interference** filters, assuming a Gaussian spectral distribution ... for obtaining the

required **quadrature** conditions:  $\Delta\Phi$  12 ... sign of the **zero crossing**, adding or ...

Cited by 3 - [Web Search](#)

Bussgang-**zero crossing** equalization: An integrated HOS-SOS approach - group of 3 »

G Jacovitti, G Panci, G Scarano - IEEE TRANSACTIONS ON SIGNAL PROCESSING, 2001 - ieeexplore.ieee.org

... modulation (PAM) and **quadrature**-amplitude modulation (QAM ... the absence of intersymbol

**interference** (ISI) on ... JACOVITTI et al.: BUSSGANG-ZERO CROSSING EQUALIZATION ...

Cited by 3 - [Web Search](#) - [BL Direct](#)

Decision Feedback Postprocessor for **Zero-Crossing** Digital FM Demodulator - group of 2 »

KBE Lee, W Hou, HM Kwon - IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY, 1999 -  
ieeexplore.ieee.org

... 1 are the in-phase and **quadrature**-phase components ... et al.: POSTPROCESSOR FOR  
**ZERO-CROSSING** DIGITAL FM ... filter which causes intersymbol **interference** (ISI) effects ...

Cited by 2 - [Web Search](#) - [BL Direct](#)

**NARROWBAND INTERFERENCE SUPPRESSION IN CDMA SYSTEMS USING NON-UNIFORM SAMPLING** - group of 2 »

G Mandyam - IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS SPEECH AND SIGNAL ..., 2000 -  
ieeexplore.ieee.org

... be seen from examining the generic representation of a **quadrature**- modulated signal ...

Therefore, approximating this **interference** as a ... 2.2 **Zero-Crossing** Sampling ...

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Average outage duration of **interference**-limited wireless communication systems - group of 3

»

YC Ko, MR Burr, MS Alouini, A Abdi - IEEE Vehicular Technology Conference, 2002 - ieeexplore.ieee.org

...  $a_1$  and auto-covariance function  $C_1(r)$ , while  $y_j(t)$  is a **zero**-mean real ... Using the  
inphase and **quadrature** expression of the desired and **interference** users /3 ...

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